

ABSTRACT OF THE DISCLOSURE

An embodiment of the present invention includes a receiver, and a selector. The receiver receives a default stream and N restart sub-streams from a transmitter over a transmission path, N is an integer equal to at least 1 and is selected according to a selection. The default stream is coded by a multiple description (MD) coding. The N restart sub-streams are coded by a predictive coding and sampled according to a sampling pattern. The default and N restart sub-streams correspond to a media content. The selector selects a receiving stream from the default stream and one of the N restart sub-streams according to a loss status in the default stream.